



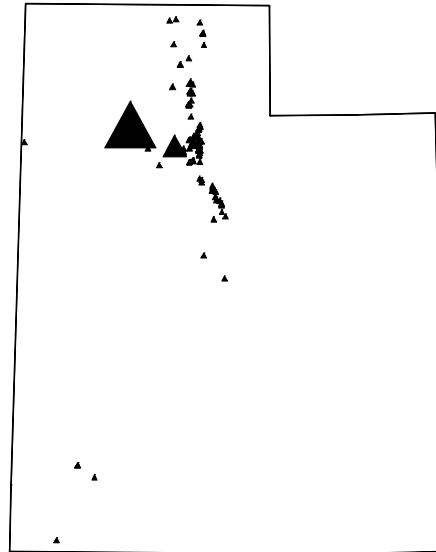
# 1997 TOXICS RELEASE INVENTORY

# UTAH

## State/TRI Data

Population	2,065,001
Square Miles	82,168
Total Facilities	143
Total Forms	496
Form As	98

<b>National Rank for Total On- and Off-site Releases</b> <i>(includes transfers out-of-state for disposal)</i>	
Rank	8
Pounds	103,717,225
<b>National Rank for Total On-site Releases</b> <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	6
Pounds	93,926,091
<b>National Rank for Total Releases within State</b> <i>(excludes transfers out-of-state for disposal)</i>	
Rank	9
Pounds	97,408,411
<b>National Rank for Production-related Waste Managed</b>	
Rank	23
Pounds	361,475,674



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Utah. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

## Reported Releases and Waste Management Activities

	Pounds
On-site Releases	93,926,091
Air Emissions	65,561,602
Surface Water Discharges	1,230,027
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	16,749
Other On-site Land Releases	27,117,713
Off-site Releases (Transfers Off-site to Disposal)	9,791,134
<b>Total On- and Off-site Releases</b>	<b>103,717,225</b>
Recycled On-site	1,940,716
Recycled Off-site	1,997,415
Energy Recovery On-site	25,388,793
Energy Recovery Off-site	139,834
Treated On-site	235,120,198
Treated Off-site	772,988
Quantity Released On- and Off-site	96,115,730
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
<b>Total Production-related Waste Managed</b>	<b>361,475,674</b>
<b>Total Non-production-related Waste Managed</b>	<b>5,650,581</b>

## Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air	Surface	Class I	Class II-V	RCRA	Other				
		Emissions	Water Discharges	Wells	Wells	Subtitle C Landfills	On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
7782-50-5	Chlorine	59,325,401	0	0	0	0	0	0	0	0	59,325,401
	Copper compounds	93,068	3,500	0	0	0	9,900,054	442,194	232,066	108,804	10,670,882
	Zinc compounds	16,519	5,960	0	0	0	5,230,032	699,661	41,740	7,142,428	5,993,912
	Lead compounds	49,140	347	0	0	0	4,500,513	548,338	108,617	762,082	5,206,955
	Arsenic compounds	11,250	250	0	0	0	4,200,000	166,041	89,005	250	4,466,546

\*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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## Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	<u>Underground Injection</u>				<u>On-site Releases to Land</u>			Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds			
Magnesium Corp. of America, Salt Lake City, Salt Lake	62,335,864	0	0	0	0	0	62,335,864	0	0
Kennecott Utah Copper, Magna, Salt Lake	242,420	10,050	0	0	0	24,074,600	24,327,070	415,865	7,620
Geneva Steel, Vineyard, Utah	106,233	1,213,779	0	0	0	965,130	2,285,142	0	0
Western Zirconium, Ogden, Weber	146,000	0	0	0	0	1,492,900	1,638,900	0	0
Thiokol Propulsion Group, Promontory, Box Elder	581,000	0	0	0	0	0	581,000	0	0

\*The facility ranking is based on the amounts in this column.

## Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Magnesium Corp. of America, Salt Lake City, Salt Lake	4,500	0	0	0	222,549,400	0	62,046,400	284,600,300	0
Kennecott Utah Copper, Magna, Salt Lake	0	3	0	0	1,500	0	19,156,060	19,157,563	5,648,300
Nucor Steel, Plymouth, Box Elder	153,951	14	0	0	0	0	8,663,948	8,817,913	3
Geneva Steel, Vineyard, Utah	0	0	0	0	1,963,460	97,212	2,280,323	4,340,995	0
Thiokol Propulsion Group, Promontory, Box Elder	0	89,378	0	0	329	0	581,000	670,707	164

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## For More Information...

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